

ADVANCED

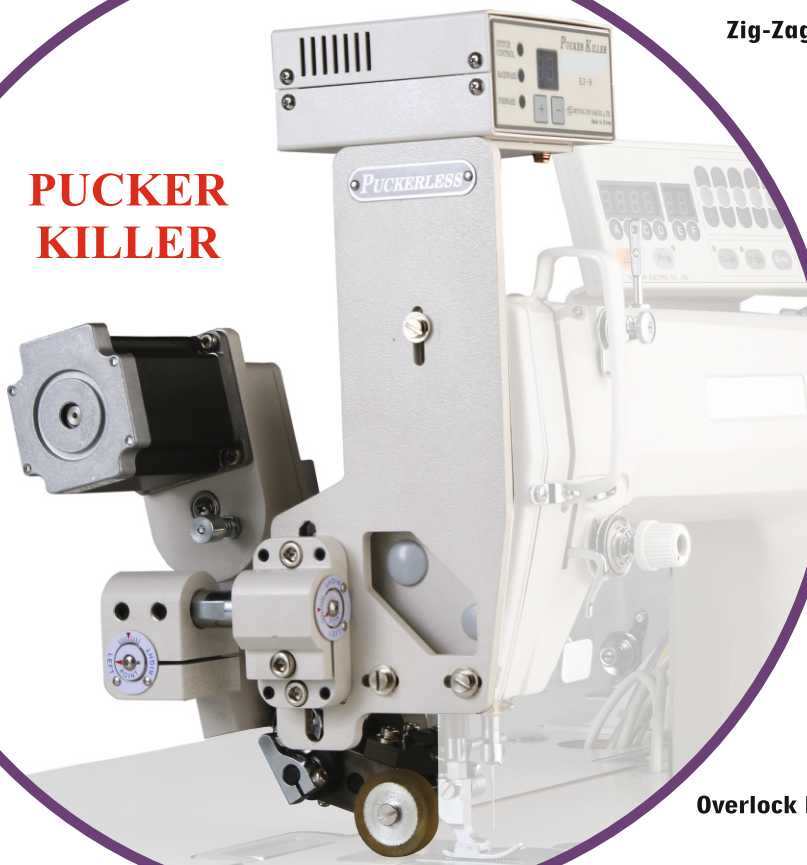
EJ Series



DELIVERING THE EXCELLENCE
MADE IN KOREA

INDUSTRIAL SEWING MACHINE ATTACHMENT DIGITAL PULLER

**PUCKER
KILLER**



EJ-9

Digital Puller for Single Needle/
Double Needle/
Multi Needle/
Overlock/
Zig-Zag Machine



EJ-9

Digital Puller for
Feed-Off-The Arm
Machine



EJ-9

Digital Puller for
Double Needle
Machine with Top
& Bottom Roller



EJ-12

Digital Puller for
Overlock Machine to make
Spaghetti Rope



Puckering

(Without Using Digital Puller)

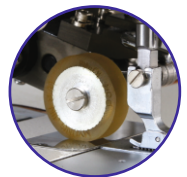
No Pucker

(Using Digital Puller)

Variable Roller Size :

On Special request variable Roller sizes can be provided as under

34 øx4mm	34 øx25mm	
34 øx10mm	34 øx30mm	
34 øx15 mm	29 øx10mm	34 øx40mm
34 øx20mm	50 øx50mm	34 øx50mm



INVENTED IN



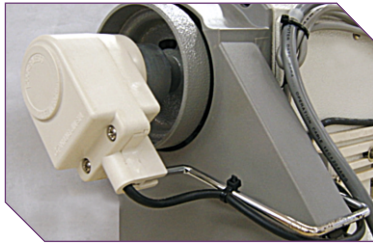
EJ Series

INDUSTRIAL SEWING MACHINE ATTACHMENT
DIGITAL PULLER



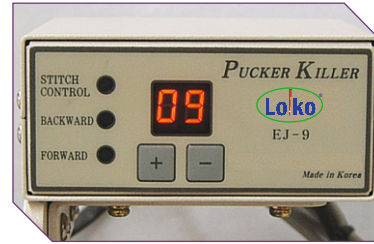
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Features :



Synchronizer :

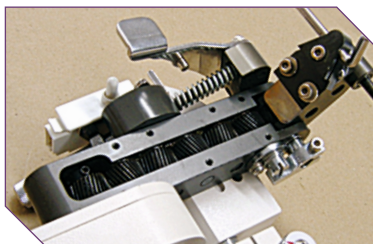
The Synchronizer detects the needle positioning of the machine and provides signals to the Microprocessor for perfect intermittent feeding



Display Control panel :

The fully programmable display can be programmed for

- Stitch length
- Variable pulling speed
- Backtack speed



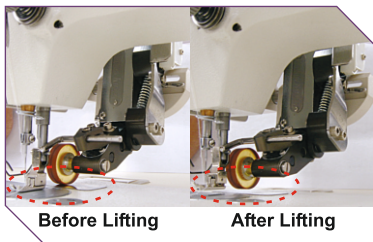
Transmission :

To avoid the transmission loss and malfunctioning the puller is designed with helical gears instead of belts.



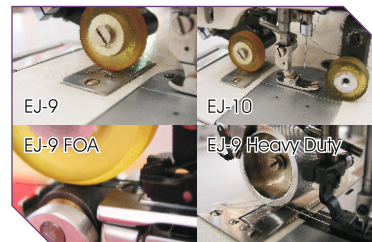
Driving Mechanism :

The puller is driven by a independent Stepping Motor controlled by Microprocessor and fully programmable panel.



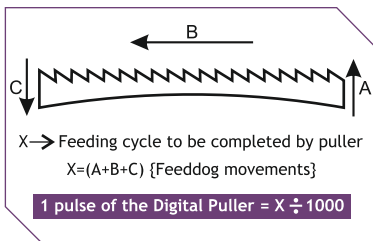
Pressure foot lifting system :

Puller automatically get lifted with the help of clamping shaft or pneumatic cylinder while we lift the pressure foot. Puller can also be easily engage/disengage by finger switch, which makes the puller complete in disengage position.



Friction less motion :

A special bearing roller is provided under the upper roller in a sewing machine bed according to the application to avoid any kind of friction generated while pulling to give a pucker free seams.



Working Mechanism :

One feeddog movement is divided into 1000 equal signals which ensure the smooth feeding of fabric without any puckering. Each step is controlled by a Microprocessor, Synchronizer and Stepping Motor. The Mechanism ensures that at any stage of feeddog movement, the fabric pulling force is similar.



Backtack system :

The puller can be electrically connected to the backtack solenoid or reverse switch to make work efficiently in reverse mode while backtacking in a sewing machine.



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LOIVA
7, Ojeong-Ro, 71 Beon-Gil, Bucheon-Si,
Gyeonggi-Do 14445 South Korea
Ph: +82 32 677 3321/ 2 Fax: +82 32 677 3323
email: loiva_korea@naver.com Web: www.loiva.kr

LOIKO GLOBAL PRIVATE LIMITED
No.617, 26th Main, Jaimaruthi Nagar,
Nandini Layout, Bangalore 560096 India
Ph: +91 80 23193797
email: sales@loikoglobal.com Web: www.loikoglobal.com